LIBRARY

Since this report was compiled a revised figure of 0.97 has been received from the General Register Office for the area comparability factor for deaths.

The Standard Death Rate given on page 3 should therefore read 9.89 instead of 10.0.

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AYLESBURY RURAL DISTRICT COUNCIL

AC 4424/3) AYLESBURY
Bucks

Public Health Department,
Council Offices,
43 Buckingham Street,
Aylesbury, Bucks.

August, 1951.

TO THE CHAIRMAN AND MEMBERS OF THE
RURAL DISTRICT COUNCIL OF AYLESBURY

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report for the year 1950 on the health and vital statistics of the Aylesbury Rural District, together with the details of inspections and the work of the Sanitary Inspectors throughout the area.

The No. I (Northants) Mass Radiography Unit administered by the Oxford Regional Hospital Board provided facilities during a selected period from June to August for the X-Ray examination of all residents in the area who wished to take advantage of the scheme.

The Unit made arrangements with local factories and offices for employees to attend during working hours. The final report of this survey, the details of which include the population of the Borough and persons living in the Rural District surrounding Aylesbury, is incorporated in this report.

Hospital services in the District are administered by the Oxford Regional Hospital Board, which reserved a block at the Isolation Hospital, Aylesbury, during the year, consisting of fifteen beds, for the treatment of pulmonary tuberculosis.

A smaller number of infectious disease cases were notified during the year compared with 1949, this being due to the number of measles cases notified, namely 29, compared with 134 for the previous year.

Of the three cases of typhoid, two were notified from the R.A.F. Hospital, Halton, being R.A.F. personnel; the other was a seaman who contracted the disease on a voyage from India and was visiting his parents in the District. He was treated at the Isolation Hospital, completely recovered, and was cleared of infection.

The majority of the dysentery notifications were from St. John's Mental Hospital. There was no outbreak in the district nor was there a case of food poisoning notified.

3149

Of the six cases of anterior poliomyelitis four were children. All recovered but are still under orthopaedic care with some residual paralysis.

It was not found necessary to remove any case to hospital during the year under Section 47 of the National Assistance Act, 1948.

The difficulty of providing an adequate number of dwelling houses for the inhabitants of the District still presents a major health problem. Despite the endeavours of the Council in the provision of new houses and the continued agitation to extend the programme, there is still a large number of sub-standard dwellings which, unfortunately, have to be utilised.

My thanks are due to you Mr. Chairman and all Members of the Council for your assistance throughout the year. I also wish to express my appreciation for the work of the Staff, particularly those of the Public Health Department who have helped in compiling this report.

I have the honour to be

Your obedient Servant,

JOHN T. C. SIMS-ROBERTS. M.B., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

(a)	Area of the District	89,613 acres
(b)	Total Population	29,100
(c)	Number of inhabited houses (end of 1950 according to Rate Book)	7,948
(d)	Rateable Value	£163,308
(e)	Sum represented by penny rate	£649

UNEMPLOYED

At 31st December, 1949	At 31st December, 1950
40 women	43 women
30 men	25 men
70	68

VITAL STATISTICS

Live Births	Male	Female	Total
Legitimate	229	223	
Illegitimate	11	18	
			481

Still Births	Male	Female	Total
Legitimate	5	5	
Illegitimate	1	1	
			12

Birth rate per 1,000 estimated population mid-1950	16.53
Rate per 1,000 (live and still) births	16.87
Birth rate for England and Wales	15.8

	Male	Female	Total
DEATHS	161	136	297

Death rate per 1,000 estimated average population	10.2
Standard Death Rate	10.0
Death Rate for England and Wales	11.6

Deaths of infants under one year of age

	Male	Female	Total
Legitimate	3	4	
Illegitimate	3	-	
			10

Death rate of infants under one year of age

All infants per 1,000 live births	20.79
Legitimate infants per 1,000 legitimate live births	15.48
Illegitimate infants per 1,000 illegitimate live births	103.4

Deaths from Whooping Cough	1
Deaths from Cancer	12

Analysis of Deaths

	Male	Female	Total
Tuberculosis, respiratory	3	1	4
Whooping Cough	-	1	1
Acute Poliomyelitis	2	-	2
Other infective and parasitic diseases	2	-	2
Malignant neoplasm, stomach	3	1	4
" " lung, bronchus	2	-	2
" " breast	-	3	3
" " uterus	-	3	3
Other malignant and lymphatic neoplasms	18	12	30
Leukaemia, aleukaemia	-	2	2
Diabetes	3	-	3
Vascular lesions of nervous system	17	20	37
Coronary disease, angina	17	11	28
Hypertension with heart disease	6	2	8
Other heart disease	26	27	53
Other circulatory disease	11	10	21
Influenza	3	-	3
Pneumonia	7	3	10
Bronchitis	7	8	15
Other diseases of respiratory system	1	-	1
Ulcer of stomach and duodenum	-	1	1
Gastritis, enteritis and diarrhoea	-	1	1
Nephritis and nephrosis	3	1	4
Hyperplasia of prostate	3	-	3
Congenital malformations	-	1	1
Other defined and ill-defined diseases	14	25	39
Motor vehicle accidents	4	1	5

Analysis of Deaths (Continued)

	Male	Female	Total
All other accidents	7	2	9
Suicide	1	-	1
Homicide and operations of war	1	-	1

Prevalence of and Control over Infectious and other Diseases

Disease	Total Cases Notified 1949	Total Cases Notified 1950	Total Deaths
Smallpox	1	-	-
Measles	134	29	-
Whooping Cough	6	26	1
Scarlet Fever	17	32	-
Pneumonia	8	3	10
Puerperal Pyrexia	3	4	-
Erysipelas	2	2	-
Diphtheria	-	-	-
Cerebro-Spinal Meningitis	-	-	-
Acute Anterior Poliomyelitis	6	6	2
Dysentery	15	9	-
Para-Typhoid	-	1	-
Opthalmia Neonatorum	8	5	-
Malaria	-	1	-
Typhoid	-	3	-
Food Poisoning	-	-	-
	200	121	13

TUBERCULOSIS

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0	-	1	-	-	-	-	-	-
5	1	1	1	1	-	-	-	-
15	5	4	-	4	1	-	-	-
25	1	7	1	1	-	1	-	-
35	5	-	-	-	-	-	-	-
45	1	-	1	-	1	-	-	-
55	2	1	-	-	-	-	-	-
65	3	-	1	-	-	1	-	-
	*18	14	4	6	2	2	-	-

*These figures include cases transferred from other areas.

GENERAL PROVISION OF HEALTH SERVICES

Hospitals

Hospital accommodation for the District is provided by the Royal Bucks and Tindal General Hospitals. Infectious disease cases are admitted to the Aylesbury Isolation Hospital.

These three hospitals are administered by the Aylesbury and District Hospital Management Committee.

Cases are admitted to the Stoke Mandeville Hospital or the Radcliffe Infirmary, Oxford, if bed space is unavailable. Similarly, infectious disease cases are admitted to infectious disease hospitals within the Oxford region when there is no accommodation locally.

Pathological Specimens

The majority of specimens for examination are submitted to the Pathology Laboratory, Stoke Mandeville Hospital. The services of the Public Health Laboratories at Luton and Oxford are utilised whenever necessary.

Ambulance Services

The ambulance services in the area are the responsibility of the Bucks County Council. Five ambulances are stationed in the Borough of Aylesbury for the use of the town and surrounding district. Included in this number is a sitting-case ambulance and a vehicle garaged at the Isolation Hospital for transporting infectious disease cases.

Maternity and Child Welfare

This service is controlled by the Bucks County Council. Infant Welfare Clinics are held at Aylesbury, Brill, Long Crendon, Waddesdon, Quainton, Cuddington, Haddenham, Wendover, Whitchurch and Worminghall.

Diphtheria and Whooping Cough Immunisation

The Bucks County Council, being the Local Health Authority as defined by the National Health Service Act, 1946, administer this service.

Treatment of Venereal Disease

A venereal disease clinic is held regularly at the Royal Bucks Hospital, Aylesbury, where free treatment is given. This clinic is administered by the Aylesbury and District Hospital Management Committee.

MASS RADIOGRAPHY

Aylesbury - First Survey

Held at The Social Club and Centre, Park Street, Aylesbury
12th June - 2nd August, 1950

A. Type of Survey - Factories, Schools and General Public

B. Percentage responses - Factories 79 Schools 82

C. 1. SUMMARY OF WORK

	Male	Female	Total
No. of miniature films taken	3,554	3,100	6,654
No. recalled for large films	156	142	298
No. recalled for clinical examination ..	61	48	109
No. referred to dispensary	32	24	56

2. RESULTS OF CASES REFERRED TO DISPENSARY

TUBERCULOSIS:-

Active Pulmonary Tuberculosis

No. requiring sanatorium treatment ...	5	3	8
Failed to attend for clinical examination or dispensary ...	1	-	1
	6	3	9

These were newly discovered cases and three had a positive sputum.

Observation Cases	14	14	28
Inactive Pulmonary Tuberculosis	1	2	3

NON-TUBERCULOUS CONDITIONS:-

Chronic bronchitis and emphysema	1	1	2
Bronchiectasis	4	1	5
Pneumoconiosis	1	-	1
Pleural and interlobar effusion (non-tuberculous)	1	-	1
Intrathoracic new growth	2	1	3
Miscellaneous	1	-	1
	10	3	13
Normal	1	2	3

3. RESULTS OF CASES CLINICALLY EXAMINED BY THE MEDICAL DIRECTOR BUT NOT REFERRED TO DISPENSARY

TUBERCULOSIS:-

Inactive Pulmonary Tuberculosis	14	10	24

NON-TUBERCULOUS CONDITIONS:-

Abnormality of bony thorax and lungs ..	1	1	2
Chronic bronchitis and emphysema ...	3	1	4
Bronchiectasis	1	-	1
Basal fibrosis	-	1	1
Pleural thickening	2	-	2
Cardio vascular lesions - congenital ...	1	5	6
" " " - acquired ...	4	4	8
Miscellaneous	1	-	1
	13	12	25

C. 3 (Continued)

	Male	Female	Total
Normal	2	1	3
Failed to attend for clinical examination	1	1	2

SUMMARY OF FINDINGS OF NEWLY DISCOVERED CASES OF SIGNIFICANT TUBERCULOSIS IN THE AYLESBURY SURVEY

Group	No. X-rayed	No. of newly discovered significant cases of Tuberculosis			
		Active	Rate per Thousand	Inactive	Rate per Thousand
Firms	4,147	8	1.93	18	4.34
Schools	715	-	-	1	13.99
General Public	1,792	1	.56	9	5.02

Analysis of occupation, age and sex of newly discovered cases of active pulmonary tuberculosis requiring to stay off work for either sanatorium or domiciliary treatment

Occupation		14 - 34		35 plus	
		No. Examined	No. of Treatment Cases	No. Examined	No. of Treatment Cases
Code 2	M	16		17	
	F	4		2	
	P	20		19	
Code 4	M	3		11	
	F	-		-	
	P	3		11	
Code 5	M	1		-	
	F	-		-	
	P	1		-	
Code 6	M	1		-	
	F	-		-	
	P	1		-	
Code 7	M	292	1	272	
	F	49		25	
	P	341	1	297	
Code 8	M	9		19	
	F	-		-	
	P	9		19	
Code 9	M	99		77	
	F	3		1	
	P	102		78	
Code 11	M	3		-	
	F	-		-	
	P	3		-	

Analysis of occupation, age and sex of newly discovered cases of active pulmonary tuberculosis requiring to stay off work for either sanatorium or domiciliary treatment

Occupation		14 - 34 No. Examined	14 - 34 No. of Treatment Cases	35 plus No. Examined	35 plus No. of Treatment Cases
Code 13	M	2		6	
	F	34		6	
	P	36		12	
Code 14	M	12		43	
	F	3		7	
	P	15		50	
Code 15	M	22		32	
	F	5		1	
	P	27		33	
Code 16	M	72		84	
	F	181		28	
	P	253		112	
Code 17	M	160		200	
	F	6		2	
	P	166		202	
Code 18	M	21		30	
	F	-		-	
	P	21		30	
Code 19	M	14		25	
	F	-		-	
	P	14		25	
Code 20	M	2		3	
	F	29	1	18	
	P	31	1	21	
Code 21	M	5		4	
	F	-		1	
	P	5		5	
Code 22	M	101		129	
	F	37		3	
	P	138		132	
Code 23	M	56		68	
	F	142		42	
	P	198		110	
Code 24	M	43		120	
	F	2		3	
	P	45		123	
Code 25	M	94		111	
	F	97		144	
	P	191		255	
Code 26	M	3		4	
	F	8		2	
	P	11		6	
Code 27	M	27		75	
	F	140	1	166	
	P	167	1	241	
Code 28	M	290		173	1
	F	464		90	
	P	754		263	1
Code 29	M	51	2	91	
	F	55		27	
	P	106	2	118	

Analysis of occupation, age and sex of newly discovered cases of active pulmondary tuberculosis requiring to stay off work for either sanatorium or domiciliary treatment

		14 - 34		35 plus	
Occupation		No. Examined	No. of Treatment Cases	No. Examined	No. of Treatment Cases
Code 30	M	26		42	
	F	-		-	
	P	26		42	
Code 31	M	9		47	
	F	375	1	617	
	P	366	1	664	
Code 32	M	437		-	
	F	299		-	
	P	736		-	

KEY to Classification of Occupations used in above List

2. Agricultural
4. Makers of coal gas, coke and by-products
5. Makers of bricks, tiles and pottery
6. Workers in chemical processes
7. Metal workers
8. Workers in precious metals and electro plate
9. Electrical apparatus makers and fitters, and electricians
11. Workers in skins and leather and makers of leather and leather substitute goods (not boots or shoes)
13. Makers of textile goods and articles of dress (including boots and shoes)
14. Makers of foods, drinks and tobacco
15. Workers in wood and furniture
16. Makers of and workers in paper and cardboard, bookbinders, etc.
17. Printers and photographers
18. Builders, bricklayers, stone and slate workers, contractors
19. Painters and decorators
20. Workers in rubber, bone, celluloid and other materials
21. Workers in mixed or undefined materials (not elsewhere enumerated)
22. Persons employed in transport and communication
23. Commercial, finance and insurance occupations (excluding clerks)
24. Persons employed in public administration and defence (excluding professional, clerical staff and typists)
25. Professional occupations (excluding clerical staff)
26. Persons professionally engaged in entertainment and sport
27. Persons engaged in personal service
28. Clerks, draughtsmen, typists
29. Warehousemen, storekeepers and packers
30. Stationary engine drivers, dynamo and motor attendants
31. Other and undefined workers (including housewives)
32. Schoolchildren

AYLESBURY RURAL DISTRICT COUNCIL

Public Health Department,
Council Offices,
43, Buckingham Street,
AYLESBURY, Bucks.

TO THE CHAIRMAN AND MEMBERS OF THE
AYLESBURY RURAL DISTRICT COUNCIL

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to report on the work of the Inspectors' branch of the Department for the year 1950, and wish to record my appreciation of the work of the staff throughout the year.

Water Supply

As the schedule included in this report shows, a supply from the Bucks Water Board's mains is available generally in all Parishes, and continued activities were pursued by informal and statutory procedure to ensure that individual and groups of houses without satisfactory supplies were connected to the Board's mains; in one instance it was necessary to arrange for an extension of the main.

Sewerage Schemes

Stoke Mandeville

The deferred sewerage scheme for Stoke Mandeville was in course of construction during the year, and 24 houses had been connected to the section discharging to Aylesbury Borough sewers.

Stone

The construction of the greater part of the sewers, which was held in abeyance at the outbreak of war, was completed during the year, and the work of connecting house drains has been actively pursued.

Cuddington - Sewer Extension, Dadbrook Road

drawings and other details were prepared for an extension of the sewer to provide for the drainage of 22 existing Council houses at present drained to cesspools, and for the new development scheme proposed for 38 new Council houses.

York Buildings Wendover

A lateral sewer was constructed to provide for the drainage of 30 terrace type cottages; 17 water closets had been erected and work was in progress at the year end for providing similar sanitary accommodation for the remainder of the cottages.

Sewerage (Continued)

Long Crendon

The sewer in Bicester Road was extended for a distance of 183 yards, thus providing for the drainage of 13 houses, 3 of which were connected before the year end.

Public Cleansing

The continued shortage of workmen makes it difficult at times to maintain satisfactory schedules for the collection of house refuse. As the result of an intensive investigation over a period of several months, changes were made and a considerable improvement was effected. Details of a scheme for expanding the service to give a more frequent collection were submitted to and approved by the Council. The necessary preparations to implement this had been made at the year end.

All house refuse is taken to the two disposal sites and disposed of by "Controlled Tip" methods.

Twelve parishes have sewerage schemes, and in the other parishes cesspools and septic tanks are emptied by the Council's five cesspool emptiers.

The contents of 1150 pails is also collected weekly by these machines, this service being extended to the parish of Chearsley and the unsewered part of Long Crendon.

The difficulty in finding suitable sites for the disposal of cesspool sewage becomes more acute each year, and in many instances the absence of a local site involves long and costly haulage.

Housing Repairs

The continuing difficulties regarding building labour and materials and high costs limit the amount of repair and maintenance work which can be effected. Notwithstanding this, it was possible to maintain some progress. On 21st May, 1950 a tornado struck parts of the parishes of Wendover, Halton and Aston Clinton, causing considerable damage to property. This was given priority attention and Building Licences were promptly issued where required.

It was necessary to take legal proceedings in two instances to secure compliance with Statutory Notices.

One prosecution was also taken for offences under the Civil Building Control Regulations and a conviction was secured.

Educational

Three students from Nigeria studying Local Government were with the department for a period, collecting information relating to office and outside administration. They visited

Educational (Continued)

various parts of the district to see sewage disposal works, the arrangements for collection and disposal of house refuse, and other Public Health activities.

They expressed interest in the amicable relationships between the technical staff and members of the public when negotiations were in progress for securing compliance with the requirements of the Public Health and other Acts, the Council's Byelaws, etc.

Work Completed under Notice

Dangerous buildings dealt with	2
Satisfactory water supply provided	11
Repairs to water supply	3
Water Main Extensions	1
New drainage systems and improvements to existing drainage systems	56
Drains cleared, etc.	11
Nuisances abated	47
Sanitary accommodation provided	2
General repairs to premises	15
Floors repaired	7
Roofs repaired	34
Chimneys repaired	7
Ceilings repaired	5
Walls and windows repaired	11
Premises disinfested	11
Ditches cleansed	3
Pail closets converted to water closets	36
Water closets repaired	7
Milk and Dairies Order - improvements effected ...	2
Statutory Notices served	29
Statutory Notices complied with	35
Certificates under Rent Acts	-

The above excludes work done voluntarily or under approved Plans and Licences.

New Buildings

Plans received	367
New houses erected by Private Enterprise	26
Houses converted or reconditioned ...	13

Civil Building Control

Number of Licences issued for works relating to Public Health matters ...	22
Number of Licences issued in other categories	67

Visits and Inspections, 1950

New Buildings	406
Building Licensing	231
Dangerous Buildings	9
Ditches	51
Drain Tests	322
Drainage	659
Factories	6
Food Premises & Food Inspection .	66
Housing Act	79
Infestation & Infectious Disease	25
Knackers' Yards	1
Levelling	16
Milk Regulations	16
Miscellaneous	220
Moveable Dwellings	50
Nuisances	129
Petroleum Acts	40
Prosections	3
Public Health Act	187
Refuse Collection & Scavenging ..	983
Sewage Works	304
Sewerage	190
Water Supply	43

Foodstuffs Condemned

3 pig carcases & offal
113 lbs. Bacon & Cooked Ham
4 Pork Pies
12 lbs. Frozen Meat
28 tins Meat & Meat Products
34 lbs. Sausages
514 lbs. Cheese
30½ doz. Eggs
4¼ lbs. Fats
223 lbs. Rice, Semolina, etc.
120 tins Milk
100 packets Pudding & Custard Powders, etc.
9 packets Cereals

Foodstuffs Condemned (Continued)

17 lbs. Slab Cake
42 tins Vegetables
4 jars Peanut Butter
16 boxes Chocolate Coconut Squares
55 tins Fruit & Jams
22 tins Fish
11 jars Pickles, Sauces, etc.
26 lbs. Cocoa

Milk and Dairies Orders

Number of registrations of Wholesale Producers of Milk nil

Number of registrations of Retailers of Milk 5

Number of Dealer's Licences issued:-

Tuberculin Tested 8
Pasteurised 11 19

Number of Supplementary Licences issued:-

Tuberculin Tested 8
Pasteurised 9 17

Water Supply

Parish	Total No. of Houses in Parish	Total No. of temporary dwellings (Camp Sites)	No. of Dwelling Houses supplied direct from public water main	Population supplied from public water mains (Computed at 4 persons per house)
Ashendon	57	-	45	180
Aston Clinton	604	-	586	2,344
Aston Sandford	17	-	10	40
Bierton-with-Broughton	278	-	254	1,016
Boarstall	41	-	24	96
Brill	299	-	214	856
Buckland	176	-	138	552
Chearsley	85	-	61	244
Chilton	96	-	91	364
Creslow	5	-	5	20
Cuddington	142	-	117	468
Dinton-with Ford-and-Upton	220	-	161	644
Dorton	35	-	15	60
Drayton Beauchamp	50	-	40	160
Fleet Marston	11	-	3	12
Grendon Underwood	111	-	99	396
Haddenham	537	42	425	1,700
Carried fwd.	2,764	42	2,288	9,152

Parish	Total No. of Houses in Parish	Total No. of temporary dwellings (Camp Sites)	No. of Dwelling Houses supplied direct from public water main	Population supplied from public water mains (Computed at 4 persons per house)
brought fwd.	2,764	42	2,288	9,152
Halton	57	-	51	204
Hardwick	73	-	72	288
Hartwell	34	-	15	60
Hulcott	24	-	6	24
Ickford	98	-	75	300
Kingsey	43	5	35	140
Kingswood	26	-	26	104
Long Crendon	409	-	338	1,352
Ludgershall	101	-	81	324
Oakley	147	-	114	456
Oving	112	-	102	408
Pitchcott	9	-	8	32
Quainton	310	-	270	1,080
Quarrendon	16	-	8	32
Shabbington	87	-	73	292
Stoke Mandeville	264	-	243	972
Stone-with-Bishopstone	296	6	253	1,012
Waddesdon	480	39	428	1,712
Weedon	108	-	85	340
Wendover	1,297	-	1,131	4,524
Westcott	129	12	134	536
Weston Turville	499	-	437	1,748
Whitchurch	206	-	176	704
Winchendon, Lower	55	-	2	8
Winchendon Upper	42	-	35	140
Woodham	12	-	12	48
Worminghall	168	83	140	560
Wotton Underwood	82	30	73	292
	7,948	217	6,711	26,844

Your obedient Servant,

A. E. SHAW

Chief Sanitary Inspector
and Building Surveyor.